## IAP15 Rec'd PCT/PTO 12 JUN 2006

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	TRANSMITTAL LETTER TO THE UNITED STATES  ATTORNEY'S DOCKET NUMBER  APL - 03 - 06 - PCT					
	DESIGNATED/ELECTED OFFICE (DO/EO/US) CERNING A SUBMISSION UNDER 35 U.S.C. 371					
	IONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED  1/C12004/002024 30 NOV 2004 12 DEC 2003					
PRODUCTION OF DIPHTHERIA TOXIN						
APPLICANT(S) FOR DO/EO/US SANOF I PASTEUR, LTD.						
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:						
1. 🛚 1	This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.					
2. 🔲 T	his is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371.					
	his is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.					
4. 🔲 -	The US has been elected (Article 31).					
5.	A copy of the International Application as filed (35 U.S.C. 371(c)(2))					
	a. a is attached hereto (required only if not communicated by the International Bureau).					
	b. has been communicated by the International Bureau.					
	c. is not required, as the application was filed in the United States Receiving Office (RO/US).					
6.	An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).					
	a. Lis attached hereto.					
	b. Las been previously submitted under 35 U.S.C. 154(d)(4).					
7.	Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))					
	a. are attached hereto (required only if not communicated by the International Bureau).					
	b. have been communicated by the International Bureau.					
	c. have not been made; however, the time limit for making such amendments has NOT expired.					
	d. have not been made and will not be made.					
8.	An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).					
9. 📙	An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).					
10.	An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).					
Items	11 to 20 below concern document(s) or information included:					
11. 🔲	An Information Disclosure Statement under 37 CFR 1.97 and 1.98.					
12.	An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.					
13. 🔀	A preliminary amendment.					
14.	An Application Data Sheet under 37 CFR 1.76.					
15. 🗀	A substitute specification.					
16. 🗀	A power of attorney and/or change of address letter.					
17.	A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.					
18.	A second copy of the published International Application under 35 U.S.C. 154(d)(4).					
19. L.J	A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).					

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application, Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. Page 1 of 3

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICAT	10 N NO. (IT Known) 10 4 5 8 2	576	PCT/CA 2004		APL-03-06	
	items or information	on: ' Name do	cument			
The follo	owing fees have b	een submitted		· · · · · · · · · · · · · · · · · · ·	CALCULATIONS	PTO USE ONLY
21. 🔼 Basid	c national fee (37	CFR 1.492(a))		\$300	\$ 300	
22. 🔀 Exam	ination fee (37 CF	FR 1.492(c))				
by IPĖA/I	ion prepared by IS US indicates all cl	\$ 200				
If the written opin IPEA/US Search fee (37 C International Sea previously	ch fee (37 CFR 1 ion of the ISA/US indicates all claim FR 1.445(a)(2)) hand Searching Aurch Report prepary communicated to s	\$ <i>50</i> 0				
	TOTAL OF 21, 22	2 and 23 =			1000	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)).  The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					·	
Total Sheets Extra Sheets		Number of each additional 50 or fraction RATE thereof (round up to a whole number)				
- 100 =  /50 =					\$ 130	1
CLAIMS		BER FILED	NUMBER EXTRA	RATE	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Total claims	65		45	× \$ 50	\$ 2250	
Independent clair	-	- 3 =	3	× \$200	\$ 600	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360					\$ 0	
TOTAL OF ABOVE CALCULATIONS =					\$ 3980	
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					. — .	
SUBTOTAL =					\$ 3980	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$ <b>0</b>	
		\$ 3980				
	the enclosed ass cover sheet (37	\$ <b>O</b> .				
		\$ 3980				
					Amount to be refunded:	\$
`					Amount to be charged	\$

## IAP12 Rec'd PCT/PTO 12 JUN 2006

19/582576

PTO-1390 (Rev. 07-2005)
Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

a. 📙	A check in the amount of \$ to cover the above fees is enclosed.					
b. 🗀	Please charge my Deposit Account No in the amount of \$ to cover the above fees.  A duplicate copy of this sheet is enclosed.					
с. 🗌	The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No A duplicate copy of this sheet is enclosed.					
d. 🗆	Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.						
	ALL CORRESPONDENCE TO:  OTICK J. Halloran, Ph. D., J. D.  SIGNATURE Patrick J Halloran  NAME He Valley, PA 18034  REGISTRATION NUMBER					